

# Ian Iversen

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[Linkedin](#) | [Github](#) | [Blog](#) | [Portfolio](#)

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## SOFTWARE ENGINEER

Full Stack Web Developer with a background in System Engineering. Successful in building and deploying novel web applications, incorporating user feedback, and managing the CI/CD lifecycle. Strong skills in communication and working collaboratively to help companies achieve their goals. Passionate for Audio Software and Blockchain Technology.

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## TECHNICAL SKILLS

TypeScript | React | PostgreSQL | Git | Ruby on Rails | Next | Python | Flask | NodeJS | AWS | MS Azure

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## TECHNICAL PROJECTS

### DEMO - [Github](#) | [Demo](#)

This web app allows users to record multiple audio tracks, play them back, and share them publicly.

- Engineered custom solution to capture audio and post it immediately to DB once recording terminated.
- Utilized Ruby on Rails' Active Storage to store audio files as blob data within a SQL database.
- Developed communication between client and server side using RESTFUL endpoints.
- Implemented playback timeout solution to allow for 4 tracks to play synchronously.

### Minesweeper Snake - [Github](#) | [Demo](#)

This web app reimagines the popular game Snake in the style of Microsoft's Minesweeper.

- Established MVC pattern to persist user's gameplay via PostgreSQL, Ruby on Rails and Heroku.
- Programmed JavaScript frontend game logic true to the classic Nokia Snake.
- Detailed the visually iconic Minesweeper aesthetic using CSS, JavaScript, and HTML.

### Windows 98 Portfolio - [Github](#) | [Demo](#)

A web page that displays my current work built in the functionality and style of the Windows 98 desktop.

- Incorporated original asset library of Windows 98 icons as well as fonts, with a keen attention to detail.

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## EXPERIENCE

### ITCSNY

New York, NY

System Engineer

June 2023 - Current

- Integrated data networks and digital video surveillance systems in NYC public schools following the DOE's engineering specifications. Cisco Meraki MS390/9300/2960 switches, Lenovo SR650 servers, Cisco 9500 Fiber Switches, and Cisco 8300 Routers, APC SMT3000 uninterruptible power supplies.
- Configured switch port VLANs, fiber/ethernet connections, and servers using TCP/IP, DNS, and Subnetting.
- Communicated with construction project officers, general contractors, electricians and related vendors to ensure scope of installations were completed. Used MS Outlook, Teams, Excel, Dropbox, and ConnectWise (CRM).
- Regularly worked with As-Builts and AutoCAD floor plans to ensure integrations followed approved design.

### MealPal

New York, NY

Product Associate

2023

- Assisted the product development process at MealPal, a Series B startup offering discounted lunch takeout subscriptions to users.
- Tested software in staging environments for quality assurance purposes on web and mobile.

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## EDUCATION

### Flatiron School

Remote

Full Stack Web Development Bootcamp

June 2022 - October 2022

### SAE Institute

Chicago, IL

Audio Engineering Certificate

2019 - 2020

### Skidmore College

Saratoga Springs, NY

Bachelor of Arts in American Studies

January 2018